L Number	Hits	Search Text	DB	Time stamp
1	1	("5,865,548").PN.	USPAT;	2004/08/02 12:25
1	•	(3,803,346).F.N.	US-PGPUB	2004/06/02 12:23
•	1.7	Laborate Comple		2004/07/20 10 12
-	17	johnson-jennifer\$.in.	USPAT;	2004/07/28 10:42
			US-PGPUB	
-	99	harrison-daniel\$.in.	USPAT;	2004/07/22 12:38
			US-PGPUB	
-	59382	347/\$.ccls. or 400/\$.ccls.	USPAT;	2004/07/22 12:38
			US-PGPUB	
	7	harrison-daniel-j.in. and (347/\$.ccls. or 400/\$.ccls.)	USPAT;	2004/07/22 12:38
		,	US-PGPUB	
l _	49	harrison-daniel-j.in.	USPAT;	2004/07/22 12:40
	77	narrison-danci-j.m.	US-PGPUB	2004/07/22 12.40
]	1510	knoop near1 hardness	USPAT;	2004/07/22 12:43
-	1310	knoop near i naroness	1 '	2004/07/22 12:43
į l	•10		US-PGPUB	
-	218	sheffield near1 smooth\$	USPAT;	2004/07/22 12:43
			US-PGPUB	
-	0	(knoop near1 hardness) and (sheffield near1 smooth\$)	USPAT;	2004/07/22 12:41
			US-PGPUB	
-	0	10/737,353	USPAT;	2004/07/22 12:41
			US-PGPUB	
_	33	sheffield near1 smooth\$	EPO; JPO;	2004/07/22 12:43
	55	Sherrick hear t shlothip	DERWENT	2004/07/22 12.43
	0	(sheffield near1 smooth\$) and (knoop near1 hardness)		2004/07/22 12:42
] -	U	(sherifeld flear i shlooths) and (knoop flear i hardness)	EPO; JPO;	2004/07/22 12:43
1	42.1		DERWENT	
-	431	knoop near1 hardness	EPO; JPO;	2004/07/22 13:07
			DERWENT	
-	6463	b41j031/\$.ipc. b41j031/\$.epc.	EPO; JPO;	2004/07/22 13:07
1			DERWENT	
-	34765	(clean\$ or wipe or wiping or wiped or polish\$) near2 (section or portion or	EPO; JPO;	2004/07/22 13:09
		area or part or segment or piece or length or leader or leading or trailer or	DERWENT	ĺ
]		trailing)		İ
-	37	(b41j031/\$.ipc. b41j031/\$.epc.) and ((clean\$ or wipe or wiping or wiped or	ЕРО; ЈРО;	2004/07/27 09:11
ĺ		polish\$) near2 (section or portion or area or part or segment or piece or	DERWENT	
		length or leader or leading or trailer or trailing))	DERWENT	
_	20		USPAT:	2004/07/29 16:31
1	20	(3,023,747) of (3,027,099) of (4,136,229) of (4,309,430) of (4,422,119") or ("4,446,205") or ("4,476,177") or ("4,644,370") or	,	2004/07/29 10:31
			US-PGPUB	
		("4,933,015") or ("5,227,226") or ("5,525,417") or ("5,536,328") or		
		("5,563,646") or ("5,688,060") or ("5,875,719") or ("5,926,197") or		
		("5,936,816") or ("5,995,126") or ("6,028,614") or ("6,210,490") or	,	
		("20040017458")).PN.		
-	21		USPAT;	2004/07/22 14:26
		("4,422,119") or ("4,446,205") or ("4,476,177") or ("4,644,370") or	US-PGPUB	
		("4,933,015") or ("5,227,226") or ("5,525,417") or ("5,536,328") or		
		("5,563,646") or ("5,688,060") or ("5,875,719") or ("5,926,197") or		
		("5,936,816") or ("5,995,126") or ("6,028,614") or ("6,210,490") or	:	
		("20040017458")).PN.		
<u> </u>	2		USPAT;	2004/07/22 14:46
	_	7521020 \$.did.		2004/07/22 14.40
ĺ			US-PGPUB;	
			EPO; JPO;	
	^	(FA1:001/05 to 1 A1:001/05) 1(1 07 11 1	DERWENT	
-	0	(b41j031/05.ipc. or b41j031/05.epc.) and (sheffield or knoop)	EPO; JPO;	2004/07/22 16:16
			DERWENT	
-	352	400/238.ccls. or 400/241\$.ccls.	USPAT;	2004/07/22 16:51
ŀ			US-PGPUB	
-	9650	sheffield or knoop	USPAT;	2004/07/22 16:59
			US-PGPUB	
! _	0	(400/238.ccls. or 400/241\$.ccls.) and (sheffield or knoop)	USPAT;	2004/07/22 15:40
		(US-PGPUB	
_	2	(("5,820,361") or ("6,007,329")).PN.	USPAT;	2004/07/22 15:57
	~	(\ / v. (v, v v, y = >))	US-PGPUB	2007/0//22 13.3/
			L OO-LOLOB	

			1	
-	21	(b41j031/05.ipc. or b41j031/05.epc.) and (hardness or smoothness) not	EPO; JPO;	2004/07/22 17:40
		(((JP-2002166666-\$.did. JP-2000127561-\$.did.	DERWENT	
		JP-11058901-\$.did.		
		JP-10100454-\$.did.		
		JP-10076738-\$.did. JP-3045010-\$.did.		
		JP-3045010-3.did.		
		JP-10016414-3.did. JP-1000839-\$.did.		
		JP-09202023-\$.did.		
		JP-09039348-\$.did.	1	
		JP-08332764-\$.did.	1	
		JP-08290641-\$.did.		
		JP-08192525-\$.did.		
		JP-08090943-\$.did.		
		JP-08011406-\$.did.		
		JP-07227982-\$.did.		
		JP-07223351-\$.did.		
		JP-07172015-\$.did.		
		JP-07076116-\$.did.		
].		JP-07001812-\$.did.		
		JP-07001811-\$.did.		
		JP-07001810-\$.did.		
		JP-07001809-\$.did.		
		JP-06082518-\$.did.		
		JP-06179293-\$.did.	;	
		JP-06155844-\$.did.		
		JP-06135023-\$.did. JP-06032044-\$.did.		
		JP-06015936-\$.did.		
		JP-05063860-\$.did.]
		JP-05147324-\$.did.		
		JP-05139003-\$.did.		
		JP-05138992-\$.did.		
		JP-04294185-\$.did.		
		JP-04216984-\$.did.		
		JP-04173289-\$.did.		
		JP-04063265-\$.did.		
		JP-04146997-\$.did.		
		JP-04083676-\$.did.		
		JP-03281278-\$.did.]
		JP-03109864-\$.did.		
		JP-03247479-\$.did.		
		JP-03069382-\$.did.		
		JP-03039284-\$.did.		
		JP-03009851-\$.did. JP-03008572-\$.did.		
		JP-03008571-\$.did.		
		JP-02283485-\$.did.		
		JP-02094143-\$.did.		
		JP-02188292-\$.did.		
		JP-02178077-\$.did.		
		JP-02171275-\$.did.		
		JP-02036461-\$.did.		
	,	JP-02045184-\$.did.		
		JP-01269583-\$.did.		
		JP-01258977-\$.did.		
1		JP-01242278-\$.did.	1	
		JP-01225580-\$.did.		
		JP-01154787-\$.did.		
		JP-01089158-\$.did.		
1		JP-01064459-\$.did.		
		JP-01030259-\$.did.		
		JP-63182157-\$.did. JP-63233877-\$.did.		
		JP-63144248-\$.did.		
		JP-63216781-\$.did.		
Search Histor	y 8/2/04 1	2:40:4910804@8gtid.		
		\107-5730872375\\$.did.		
		JP-63056658-\$.did.]	
1 1	1	TD COODSHIP & 111	1	

-	173296	smoothness or hardness	USPAT; US-PGPUB	2004/07/22 16:51
-	23	(400/238.ccls. or 400/241\$.ccls.) and (smoothness or hardness)	USPAT; US-PGPUB	2004/07/22 16:51
-	6	sheffield and knoop	USPAT; US-PGPUB	2004/07/22 17:17
-	59382	400/\$.ccls. or 347/\$.ccls.	USPAT; US-PGPUB	2004/07/22 17:17
-	22590	(ribbon or tape or film or media) near2 (clean\$ or wipe or wiping or wiped or polish\$)	USPAT; US-PGPUB	2004/07/22 17:18
-	480	(400/\$.ccls. or 347/\$.ccls.) and ((ribbon or tape or film or media) near2 (clean\$ or wipe or wiping or wiped or polish\$))	USPAT; US-PGPUB	2004/07/22 17:18
-	46093	(heat near1 sensitive or thermal\$) near2 (ribbon or tape or printing or printer or donor or film or media)	USPAT; US-PGPUB	2004/07/22 17:19
-	126	((400/\$.ccls. or 347/\$.ccls.) and ((ribbon or tape or film or media) near2 (clean\$ or wipe or wiping or wiped or polish\$))) and ((heat near1 sensitive or thermal\$) near2 (ribbon or tape or printing or printer or donor or film or media))	USPAT; US-PGPUB	2004/07/22 17:20
-	2	JP-05147324-\$.did.	EPO; JPO; DERWENT	2004/07/22 17:42
-	4	(("6,585,437") or ("4,432,830") or ("5,832,556") or ("5,926,197")).PN.	USPAT;	2004/07/22 17:42
-	631	(400/237-241.4).CCLS.	US-PGPUB USPAT; US-PGPUB	2004/07/28 10:56
-	139765	hardness	USPAT; US-PGPUB	2004/07/26 17:09
-	9	((400/237-241.4).CCLS.) and hardness	USPAT; US-PGPUB	2004/07/26 17:27
-	25	thermal near1 (ribbon or film or tape or donor) near25 hardness	USPAT; US-PGPUB	2004/07/26 17:32
-	1381	(thermal near1 (ribbon or film or tape or donor) near25 hardness) mpy (((400/237-241.4).CCLS.) and hardness)	USPAT; US-PGPUB	2004/07/26 17:28
-	25	(thermal near1 (ribbon or film or tape or donor) near25 hardness) not (((400/237-241.4).CCLS.) and hardness)	USPAT; US-PGPUB	2004/07/26 17:28
-	6469	b41j031/\$.ipc. b41j031/\$.epc.	EPO; JPO; DERWENT	2004/07/26 17:38
-	115785	hardness	EPO; JPO; DERWENT	2004/07/26 17:32
-	35	(b41j031/\$.ipc. b41j031/\$.epc.) and hardness	EPO; JPO; DERWENT	2004/07/26 17:37
-	10942	(calcium carbonate mica talc clay) near1 (particle or particulate or platelet or powder or chip)	EPO; JPO; DERWENT	2004/07/26 17:42
-	6	(b41j031/\$.ipc. b41j031/\$.epc.) and ((calcium carbonate mica talc clay) near1 (particle or particulate or platelet or powder or chip))	EPO; JPO; DERWENT	2004/07/26 17:39
-	2	jp-02112990-\$.did.	EPO; JPO; DERWENT	2004/07/26 17:50
•	10	(calcium carbonate mica talc clay) nearl (particle or particulate or platelet or powder or chip) and (thermal) nearl (film or ribbon or donor or tape)	EPO; JPO; DERWENT	2004/07/26 17:45
-	10	((calcium carbonate mica talc clay) near1 (particle or particulate or platelet or powder or chip) and (thermal) near1 (film or ribbon or donor or tape)) not ((b41j031/\$.ipc. b41j031/\$.epc.) and ((calcium carbonate mica talc clay)	EPO; JPO; DERWENT	2004/07/26 17:43
-	0	nearl (particle or particulate or platelet or powder or chip))) (calcium carbonate mica talc clay) nearl (particle or particulate or platelet or	EPO; JPO;	2004/07/26 17:45
	23	powder or chip) and (head or printhead) near1 (clean\$) (calcium carbonate mica talc clay) near1 (particle or particulate or platelet or	DERWENT USPAT;	2004/07/27 08:15
-	1	powder or chip) and (head or printhead) near1 (clean\$) ep-407220 -\$.did.	US-PGPUB EPO; JPO;	2004/07/26 17:50
-	2	ep-407220-\$.did.	DERWENT EPO; JPO;	2004/07/26 17:50
-	0	5459120.URPN.	DERWENT USPAT	2004/07/26 17:51
-	4	(("5,474,966") or ("6,086,987") or ("5,108,834") or ("20030089450")).PN.	USPAT; US-PGPUB	2004/07/27 08:15
	23	(calcium carbonate mica talc clay) near l (particle or particulate or platelet or powder or chip) and (head or printhead) near l (clean\$)	USPAT; US-PGPUB	2004/07/27 08:15

			,	
-	454944	polypropylene or polyethylene	USPAT; US-PGPUB	2004/07/27 08:16
-	16	((calcium carbonate mica talc clay) near1 (particle or particulate or platelet or powder or chip) and (head or printhead) near1 (clean\$)) and (polypropylene or polyethylene)	USPAT; US-PGPUB	2004/07/27 08:26
-	11444	(modified or oriented) near1 (polypropylene or polyethylene)	USPAT; US-PGPUB	2004/07/27 08:32
-	3962	Heat near1 resistant near1 (support or layer or sheet or substrate or backing or carrier)	USPAT; US-PGPUB	2004/07/27 08:44
-	59423	400/\$.ccls. or 347/\$.ccls.	USPAT; US-PGPUB	2004/07/27 08:27
-	187	(Heat near1 resistant near1 (support or layer or sheet or substrate or backing or carrier)) and (400/\$.ccls. or 347/\$.ccls.)	USPAT; US-PGPUB	2004/07/27 08:27
-	683	Heat near1 resistant near1 (support or layer or sheet or substrate or backing or carrier) near4 (ribbon or film or donor or tape)	USPAT; US-PGPUB	2004/07/27 08:28
•	60	((Heat near1 resistant near1 (support or layer or sheet or substrate or backing or carrier)) and (400/\$.ccls. or 347/\$.ccls.)) and (Heat near1 resistant near1 (support or layer or sheet or substrate or backing or carrier) near4 (ribbon or	USPAT; US-PGPUB	2004/07/27 08:28
-	4	film or donor or tape)) ((modified or oriented) near1 (polypropylene or polyethylene)) and ((Heat near1 resistant near1 (support or layer or sheet or substrate or backing or carrier)) and (400/\$.ccls. or 347/\$.ccls.))	USPAT; US-PGPUB	2004/07/27 08:28
-	178	(b41j031/\$.ipc. b41j031/\$.epc.) and (clean\$ or wipe or wiping or wiped or polish\$)	EPO; JPO; DERWENT	2004/07/27 09:26
-	7067	(modified or oriented) near1 (polypropylene or polyethylene)	EPO; JPO; DERWENT	2004/07/27 08:32
-	0	((b41j031/\$.ipc. b41j031/\$.epc.) and (clean\$ or wipe or wiping or wiped or polish\$)) and ((modified or oriented) near1 (polypropylene or polyethylene)	EPO; JPO; DERWENT	2004/07/27 08:32
-	278362	(polypropylene or polyethylene)	EPO; JPO; DERWENT	2004/07/27 08:33
-	8	((b41j031/\$.ipc. b41j031/\$.epc.) and (clean\$ or wipe or wiping or wiped or polish\$)) and ((polypropylene or polyethylene))	EPO; JPO; DERWENT	2004/07/27 08:33
-	6469	(b41j031/\$.ipc. b41j031/\$.epc.)	EPO; JPO; DERWENT	2004/07/27 08:34
-	8	((modified or oriented) near1 (polypropylene or polyethylene)) and ((b41j031/\$.ipc. b41j031/\$.epc.))	EPO; JPO; DERWENT	2004/07/27 08:35
-	8	(((modified or oriented) near1 (polypropylene or polyethylene)) and ((b41j031/\$.ipc. b41j031/\$.epc.))) not (((b41j031/\$.ipc. b41j031/\$.epc.) and (clean\$ or wipe or wiping or wiped or polish\$)) and ((polypropylene or polyethylene)))	EPO; JPO; DERWENT	2004/07/27 08:42
-	16	(square or sq) near2 (mm or milimeter or milimeter or millimetre or mi2limetre) near2 (particles or particulate or platelet)	EPO; JPO; DERWENT	2004/07/27 08:44
-	0	((b41j031/\$.ipc. b41j031/\$.epc.)) and ((square or sq) near2 (mm or milimeter or milimeter or millimetre or mi2limetre) near2 (particles or particulate or platelet))	EPO; JPO; DERWENT	2004/07/27 08:43
-	631	(400/237-241.4).CCLS.	USPAT; US-PGPUB	2004/07/27 08:44
-	22	(square or sq) near2 (mm or milimeter or millimeter or millimetre or mi2limetre) near2 (particles or particulate or platelet)	USPAT; US-PGPUB	2004/07/27 08:44
-	117	(square or sq) near2 (mm or milimeter or millimeter or millimetre or mi2limetre or inch or in) near2 (particles or particulate or platelet)	USPAT; US-PGPUB	2004/07/27 08:45
-	0	((400/237-241.4).CCLS.) and ((square or sq) near2 (mm or milimeter or millimeter or millimeter or mi2limetre or inch or in) near2 (particles or particulate or platelet))	USPAT; US-PGPUB	2004/07/27 08:44
-	11023	(particles or particulate or platelet) near2 per	USPAT; US-PGPUB	2004/07/27 08:45
-	0	((400/237-241.4).CCLS.) and ((particles or particulate or platelet) near2 per)	USPAT; US-PGPUB	2004/07/27 08:47
-	0	10/737,353	USPAT; US-PGPUB	2004/07/27 08:51
-	1	("5,776,280").PN.	USPAT; US-PGPUB	2004/07/27 08:58
-	4	(("4,287,264") or ("4,289,535") or ("4,675,705") or ("5,416,058")).PN.	USPAT; US-PGPUB	2004/07/27 08:58

-	1325	(400/\$.ccls. or 347/\$.ccls.) and ((clean\$ or wipe or wiping or wiped or polish\$) near2 (section or portion or area or part or segment or piece or	USPAT; US-PGPUB	2004/07/27 09:12
		length or leader or leading or trailer or trailing))	03-70708	
_	2	jp-2000033263-\$.did.	EPO; JPO;	2004/07/27 09:26
	-	JP 2000032203 W.G.G.	DERWENT	2004/01/21 09.20
_	1	jp-11301859-\$.did.	EPO; JPO;	2004/07/27 10:35
	•) 11301035 \$.uid.	DERWENT	2004/01/21 10:55
_	2	jp-62095289-\$.did.	EPO; JPO;	2004/07/27 10:35
			DERWENT	
-	25	(400/\$.ccls. or 347/\$.ccls.) and ((clean\$ or wipe or wiping or wiped or	USPAT;	2004/07/27 11:13
		polish\$) near2 (section or portion or area or part or segment or piece or	US-PGPUB	
		length or leader or leading or trailer or trailing)) near4 (ribbon or donor or		
		film)		
-	136	thermal adj1 (substrate or receiver or paper or media or medium) and	USPAT;	2004/07/27 11:14
	_	428/\$.ccls.	US-PGPUB	
-	7	thermal adjl (substrate or receiver or paper or media or medium).ti. and	USPAT;	2004/07/27 11:14
	104	428/\$.ccls.	US-PGPUB	0004/07/07 11 16
-	124	thermal\$ near2 (substrate or receiver or paper or media or medium).ti. and	USPAT;	2004/07/27 11:16
	11500	428/\$.ccls.	US-PGPUB	2004/07/27 11:15
•	11580	(head or printhead) near2 (clean\$ or polish\$)	USPAT;	2004/07/27 11:15
_	0	(thermal\$ near2 (substrate or receiver or paper or media or medium).ti. and	US-PGPUB USPAT;	2004/07/27 11:15
-	"	428/\$.ccls.) and ((head or printhead) near2 (clean\$ or polish\$))	USPAT; US-PGPUB	2004/07/27 11:15
_	408	thermal\$ near2 (substrate or receiver or paper or media or medium).ti.	USPAT;	2004/07/27 11:24
		Thermal new 2 (Substitute of receiver of paper of friedla of friedlam).	US-PGPUB	2004/07/27 11:24
-	5	((head or printhead) near2 (clean\$ or polish\$)) and (thermal\$ near2	USPAT;	2004/07/27 11:20
		(substrate or receiver or paper or media or medium).ti.)	US-PGPUB	
_	14	conwell-kevin\$.in.	USPAT;	2004/07/27 11:18
:			US-PGPUB	
-	1130	((347/105) or (347/106)).CCLS.	USPAT;	2004/07/27 11:21
			US-PGPUB	
-	47	((head or printhead) near2 (clean\$ or polish\$)) and (((347/105) or	USPAT;	2004/07/27 11:21
		(347/106)).CCLS.)	US-PGPUB	
-	36	thermal\$ near1 (printer or printing) near2 (receiver or paper or media or	USPAT;	2004/07/27 11:25
	22547	medium).ti.	US-PGPUB	
-	22547	printing adj (media or medium or paper or sheet)	USPAT;	2004/07/27 11:25
	585	mainting odi (modio on modium an nonen an alcost ti	US-PGPUB	2004/07/27 11 25
-	363	printing adj (media or medium or paper or sheet).ti.	USPAT; US-PGPUB	2004/07/27 11:25
_	6827	thermal adj printer	USPAT;	2004/07/27 11:25
	0027	therman aug princer	US-PGPUB	2004/07/27 11.23
	23	(printing adj (media or medium or paper or sheet).ti.) and (thermal adj	USPAT;	2004/07/27 11:27
		printer)	US-PGPUB	200 1101121 11.21
_	12	503/\$.ccls. and (head or printhead) near1 (clean\$ or polish\$)	USPAT;	2004/07/27 12:33
			US-PGPUB	
-	47	(head or printhead) near2 (clean\$ or polish\$)	IBM_TDB	2004/07/27 11:39
-	4009	thermal	IBM_TDB	2004/07/27 11:39
-	4	((head or printhead) near2 (clean\$ or polish\$)) and thermal	IBM_TDB	2004/07/27 11:39
-	14154	(printer or printing) near1 (media or medium or sheet or paper or receiver or	EPO; JPO;	2004/07/27 12:13
		substrate).ti.	DERWENT	
-	346	thermal and (head or printhead) near2 (clean\$ or polish\$)	EPO; JPO;	2004/07/27 12:13
	,	(Continue on animation) and () I'm	DERWENT	2004/05/25 44 60
-	3	((printer or printing) near1 (media or medium or sheet or paper or receiver or	EPO; JPO;	2004/07/27 11:50
_	56	substrate).ti.) and (thermal and (head or printhead) near2 (clean\$ or polish\$)) (b41m005/\$.ipc. or b41m005/\$.epc.) and (head or printhead) near2 (clean\$	DERWENT	2004/07/27 12:09
_]	or polish\$)	EPO; JPO; DERWENT	2004/07/27 12:08
_	2	jp-05221466-\$.did.	EPO; JPO;	2004/07/27 12:08
		15	DERWENT	2007/07/27 12:00
-	850	(heat nearl (sensitive or sensible)) nearl (media or medium or sheet or paper	EPO; JPO;	2004/07/27 12:14
		or receiver or substrate).ti.	DERWENT	
-	10400	(head or printhead) near2 (clean\$ or polish\$)	EPO; JPO;	2004/07/27 12:14
			DERWENT	
-	0	((heat near1 (sensitive or sensible)) near1 (media or medium or sheet or	EPO; JPO;	2004/07/27 12:14
		paper or receiver or substrate).ti.) and ((head or printhead) near2 (clean\$ or	DERWENT	
		polish\$))		

-	49	(heat near1 sensitive) near1 (media or medium or sheet or paper or receiver or substrate).ti.	USPAT; US-PGPUB	2004/07/27 12:15
-	11580	(head or printhead) near2 (clean\$ or polish\$)	USPAT; US-PGPUB	2004/07/27 12:17
-	0	((heat near1 sensitive) near1 (media or medium or sheet or paper or receiver or substrate).ti.) and ((head or printhead) near2 (clean\$ or polish\$))	USPAT; US-PGPUB	2004/07/27 12:15
-	148755	(media or medium or sheet or paper or receiver or substrate).ti.	USPAT; US-PGPUB	2004/07/27 12:15
-	804	((head or printhead) near2 (clean\$ or polish\$)) and ((media or medium or sheet or paper or receiver or substrate).ti.)	USPAT; US-PGPUB	2004/07/27 12:15
-	401247	(printer or printing or image near1 (forming or recorder or recording)) or 400/\$.ccls. or 347/\$.ccls.	USPAT; US-PGPUB	2004/07/27 12:16
-	321	(((head or printhead) near2 (clean\$ or polish\$)) and ((media or medium or sheet or paper or receiver or substrate).ti.)) and ((printer or printing or image near1 (forming or recorder or recording)) or 400/\$.ccls. or 347/\$.ccls.)	USPAT; US-PGPUB	2004/07/27 12:16
-	1291	(head or printhead) near2 (clean\$ or polish\$) near6 (paper or media or medium or sheet or substrate or receiver)	USPAT; US-PGPUB	2004/07/27 12:18
	60	((((head or printhead) near2 (clean\$ or polish\$)) and ((media or medium or sheet or paper or receiver or substrate).ti.)) and ((printer or printing or image near1 (forming or recorder or recording)) or 400/\$.ccls. or 347/\$.ccls.)) and ((head or printhead) near2 (clean\$ or polish\$) near6 (paper or media or medium or sheet or substrate or receiver))	USPAT; US-PGPUB	2004/07/27 12:18
-	1	jp-55142685-\$.did.	EPO; JPO; DERWENT	2004/07/27 12:33
-	13	thermal adj transfer near1 (ribbon or film or tape or donor) and particle and (too adj soft or too adj hard)	USPAT; US-PGPUB	2004/07/28 10:45
-	12137	(clean\$ or polish\$ or wiping or wipe) near2 (head or printhead)	USPAT; US-PGPUB	2004/07/28 10:46
-	13	thermal adj transfer near1 (ribbon or film or tape or donor) and (particulate or particle) and (too adj soft or too adj hard)	USPAT; US-PGPUB	2004/07/28 10:46
-	0	((clean\$ or polish\$ or wiping or wipe) near2 (head or printhead)) and (thermal adj transfer near1 (ribbon or film or tape or donor) and (particulate or particle) and (too adj soft or too adj hard))	USPAT; US-PGPUB	2004/07/28 10:46
-	370	(ribbon or tape or film or donor) near2 (clean\$ or polish\$ or wiping or wipe) near2 (head or printhead)	USPAT; US-PGPUB	2004/07/28 10:54
-	105086	400/\$.ccls. ro 347/\$.ccls.	USPAT; US-PGPUB	2004/07/28 10:46
-	549353	printer or printing or printed or print	USPAT; US-PGPUB	2004/07/28 10:46
-	556935	printer or printing or printed or print or thermal near1 transfer	USPAT; US-PGPUB	2004/07/28 10:47
-	78	((ribbon or tape or film or donor) near2 (clean\$ or polish\$ or wiping or wipe) near2 (head or printhead)) and (printer or printing or printed or print or thermal near1 transfer)	USPAT; US-PGPUB	2004/07/28 10:47
-	1782802	hard\$ or soft\$ or smooth\$ or rough\$	USPAT; US-PGPUB	2004/07/28 10:48
-	54	(((ribbon or tape or film or donor) near2 (clean\$ or polish\$ or wiping or wipe) near2 (head or printhead)) and (printer or printing or printed or print or thermal near1 transfer)) and (hard\$ or soft\$ or smooth\$ or rough\$)	USPAT; US-PGPUB	2004/07/28 10:48
-	55	(ribbon or tape or film or donor) near2 (clean\$ or polish\$ or wiping or wipe) near2 (head or printhead).ab.	USPAT; US-PGPUB	2004/07/28 10:59
-	215649	400/\$.ccls. or 347/\$.ccls. or 428/\$.ccls. or 503/\$.ccls.	USPAT; US-PGPUB	2004/07/28 10:55
-	5	((ribbon or tape or film or donor) near2 (clean\$ or polish\$ or wiping or wipe) near2 (head or printhead).ab.) and (400/\$.ccls. or 347/\$.ccls. or 428/\$.ccls. or 503/\$.ccls.)	USPAT; US-PGPUB	2004/07/28 10:55
-	631	(400/237-241.4).CCLS.	USPAT; US-PGPUB	2004/07/28 10:57
-	3741	(347/171-223).CCLS.	USPAT; US-PGPUB	2004/07/28 10:57
-	4232	503/\$.ccls.	USPAT; US-PGPUB	2004/07/28 10:57
-	2817	(heat or sensitive or thermal) near2 (ribbon or tape or donor or film or sheet) and (printer or (printing) near1 (apparatus or device or machine or unit)) and 428/\$.ccls.	USPAT; US-PGPUB	2004/07/28 10:59

		·		
•	10119	((400/237-241.4).CCLS.) ((347/171-223).CCLS.) 503/\$.ccls. ((heat or sensitive or thermal) near2 (ribbon or tape or donor or film or sheet) and	USPAT; US-PGPUB	2004/07/28 10:59
		(printer or (printing) near1 (apparatus or device or machine or unit)) and 428/\$.ccls.)		
-	12137	(clean\$ or polish\$ or wiping or wipe) near2 (head or printhead)	USPAT; US-PGPUB	2004/07/28 12:22
-	152	sensitive or thermal) near2 (ribbon or tape or donor or film or sheet) and	USPAT; US-PGPUB	2004/07/28 11:00
		(printer or (printing) near1 (apparatus or device or machine or unit)) and 428/\$.ccls.)) and ((clean\$ or polish\$ or wiping or wipe) near2 (head or printhead))		
-	944848	particle or powder or particulate or platelet or grain or granular or flake	USPAT; US-PGPUB	2004/07/28 11:01
-	56	((((400/237-241.4).CCLS.) ((347/171-223).CCLS.) 503/\$.ccls. ((heat or sensitive or thermal) near2 (ribbon or tape or donor or film or sheet) and (printer or (printing) near1 (apparatus or device or machine or unit)) and 428/\$.ccls.) and ((clean\$ or polish\$ or wiping or wipe) near2 (head or printhead))) and (particle or powder or particulate or platelet or grain or granular or flake)	USPAT; US-PGPUB	2004/07/28 11:17
-	2		EPO; JPO; DERWENT	2004/07/28 11:20
-	1 0	"6245382".PN. wo-0112448-\$.did.	USPAT EPO; JPO; DERWENT	2004/07/28 11:19 2004/07/28 11:20
-	1	wo-200112448-\$.did.	EPO; JPO; DERWENT	2004/07/28 11:21
-	2	wo-9614993-\$.did.	EPO; JPO; DERWENT	2004/07/28 11:22
-	2	ep-982150-\$.did.	EPO; JPO; DERWENT	2004/07/28 11:55
_	2	wo-9707985-\$.did. ("5658661").PN.	EPO; JPO; DERWENT USPAT;	2004/07/28 11:23 2004/07/28 11:23
_	29		US-PGPUB USPAT	2004/07/28 11:23
		"4577204" "4587156" "4587167" "4708907" "4711874" "4713273" "4720479" "4732815" "4851383" "4861651" "4886774" "4891260" "4898849" "4914079" "4919994" "5049434" "5168002" "5242650" "5270088" "5272127" "5292713" "5354588" "5451440").PN.		200 // 07/20 11:24
-	29	("3987225" "4074000" "4138527" "4253899" "4415615" "4525566"	USPAT	2004/07/28 11:26
-	16	5658661.URPN. jp-59005216-\$.did.	USPAT EPO; JPO;	2004/07/28 11:27
-	0	jp595216	DERWENT EPO; JPO;	2004/07/28 11:55
-	0	jp59005216	DERWENT EPO; JPO;	2004/07/28 11:56
-	2	jp-02194047-\$.did.	DERWENT EPO; JPO;	2004/07/28 12:01
-	584657	thermal or heat adj sensitive	DERWENT EPO; JPO; DERWENT	2004/07/28 12:03
-	8	direct near1 thermal near1 (media or sheet or medium or paper or receiver or element).ti.	EPO; JPO; DERWENT	2004/07/28 12:21
-	1	("6759368").PN.	USPAT; US-PGPUB	2004/07/28 12:05
-	0	direct near1 thermal near1 (media or sheet or medium or paper or receiver or element).ti.	USPAT; US-PGPUB	2004/07/28 12:05
-	89	(sheet or media or medium or paper or receiver or substrate).ti. and direct near1 thermal near1 (printing or recording or printer)	USPAT; US-PGPUB	2004/07/28 12:06
-	490	(sheet or media or medium or paper or receiver or substrate) and direct nearl thermal nearl (printing or recording or printer)	USPAT; US-PGPUB	2004/07/28 12:16

-	13	((sheet or media or medium or paper or receiver or substrate) and direct near1 thermal near1 (printing or recording or printer)) and ((clean\$ or	USPAT; US-PGPUB	2004/07/28 12:06
		polish\$ or wiping or wipe) near2 (head or printhead))	03-10106	1
_	3	(sheet or media or medium or paper or receiver or substrate) and reactive	USPAT;	2004/07/28 12:17
		near1 thermal near1 (printing or recording or printer)	US-PGPUB	
-	56	(sheet or media or medium or paper or receiver or substrate) and reactive	USPAT;	2004/07/28 12:17
	3	near1 (heat adj sensitive or thermal\$) with (printing or recording or printer)	US-PGPUB	2004/07/29 12:17
-	3	((sheet or media or medium or paper or receiver or substrate) and reactive near1 (heat adj sensitive or thermal\$) with (printing or recording or printer))	USPAT; US-PGPUB	2004/07/28 12:17
		and ((clean\$ or polish\$ or wiping or wipe) near2 (head or printhead))	00 1 01 02	
-	2432	thermal near1 (printing or printer or recording or recorder) near1 (media or	EPO; JPO;	2004/07/28 12:21
		sheet or medium or paper or receiver or element).ti.	DERWENT	
-	10935	(clean\$ or polish\$ or wiping or wipe) near2 (head or printhead)	EPO; JPO;	2004/07/28 12:22
_	8	(thermal near1 (printing or printer or recording or recorder) near1 (media or	DERWENT EPO; JPO;	2004/07/28 12:25
		sheet or medium or paper or receiver or element).ti.) and ((clean\$ or polish\$	DERWENT	2004/07/2012:25
		or wiping or wipe) near2 (head or printhead))		
-	2	jp-10236006-\$.did.	EPO; JPO;	2004/07/28 15:36
	76	protective nearly (cost or costing or film) with ribbon	DERWENT	2004/07/29 15:26
-	/6	protective near1 (coat or coating or film) with ribbon	EPO; JPO; DERWENT	2004/07/28 15:36
-	742773	b41j\$.ipc. or laminat\$	EPO; JPO;	2004/07/28 15:58
			DERWENT	
-	34	(protective nearl (coat or coating or film) with ribbon) and (b41j\$.ipc. or	EPO; JPO;	2004/07/28 15:37
	1	laminat\$) ("5143782").PN.	DERWENT	2004/07/20 15.50
-	1	(3143762).F.W.	USPAT; US-PGPUB	2004/07/28 15:58
-	2	jp-05139003-\$.did.	EPO; JPO;	2004/07/28 16:47
			DERWENT	
-	2	jp-02112990-\$.did.	EPO; JPO;	2004/07/28 16:49
	2	jp-63064786-\$.did.	DERWENT EPO; JPO;	2004/07/28 16:49
-)p-03004780-\$.uid.	DERWENT	2004/07/28 10:49
-	1	jp-62286789-\$.did.	EPO; JPO;	2004/07/28 16:59
			DERWENT	
•	1	jp-07009774-\$.did.	EPO; JPO;	2004/07/28 16:51
_	2	jp-63286395-\$.did.	DERWENT EPO; JPO;	2004/07/28 17:50
)	DERWENT	2004/07/2017.30
-	766	thermal adj transfer adj ribbon	USPAT;	2004/07/28 16:59
			US-PGPUB	
-	55	thermal adj transfer adj ribbon.ti.	USPAT;	2004/07/28 17:03
	683	thermal adj printer.ti.	US-PGPUB USPAT;	2004/07/28 17:03
		J.F	US-PGPUB	200 5 // 20 17.05
-	2	jp-2001213024-\$.did.	EPO; JPO;	2004/07/28 18:11
	0	10/628,750	DERWENT	2004/07/20 10 12
-		10/020,730	EPO; JPO; DERWENT	2004/07/28 18:12
-	0	10/628,750	USPAT;	2004/07/28 18:12
			US-PGPUB	
-	15	wen-\$.in. and thermal adj transfer	USPAT;	2004/07/29 08:42
_	15	wen-\$.in. and 400/\$.ccls.	US-PGPUB	2004/07/20 10:40
_	13	WOII-WITH AND #00/\$.CC15.	USPAT; US-PGPUB	2004/07/29 10:48
-	1	("5143782").PN.	USPAT;	2004/07/29 10:53
			US-PGPUB	
•	420	thermal adj transfer and organic near1 (particle or grain or particulate or	USPAT;	2004/07/29 10:54
-	228	powder or granulat) thermal adj transfer near1 (dye or ribbon or tape or donor or film or sheet)	US-PGPUB USPAT;	2004/07/29 11:22
		and organic near1 (particle or grain or particulate or powder or granular)	US-PGPUB	2007/0//29 11:22
-	37	thermal adj transfer near 1 (dye or ribbon or tape or donor or film or sheet)	EPO; JPO;	2004/07/29 14:51
		and organic near2 (particle or grain or particulate or powder or granular)	DERWENT	
-	10	(opacification or occluding) near2 (particle) and thermal adj transfer	USPAT;	2004/07/29 12:04
	<u> </u>		US-PGPUB	

			•	
-	10	(opacification or occluding) near2 (particle) and thermal adj transfer and refract\$ near1 (rating or index or number or level or magnitude)	USPAT; US-PGPUB	2004/07/29 12:08
_	86	(colorant or pigment or occluder opacification or occluding) near2 (particle)	USPAT;	2004/07/29 12:11
		and thermal adj transfer and refract\$ near1 (rating or index or number or level or magnitude)	US-PGPUB	
-	76	((colorant or pigment or occluder opacification or occluding) near2 (particle)	USPAT;	2004/07/29 12:10
		and thermal adj transfer and refract\$ near1 (rating or index or number or	US-PGPUB	
		level or magnitude)) not ((opacification or occluding) near2 (particle) and thermal adj transfer and refract\$ near1 (rating or index or number or level or		
		magnitude))		
-	144	thermal adj transfer near1 (ribbon or film or sheet or donor or tape) and	USPAT;	2004/07/29 12:12
	124	refract\$ near1 (rating or index or number or level or magnitude)	US-PGPUB	2004/07/20 12:21
-	134	(thermal adj transfer near1 (ribbon or film or sheet or donor or tape) and refract\$ near1 (rating or index or number or level or magnitude)) not	USPAT; US-PGPUB	2004/07/29 12:31
		((opacification or occluding) near2 (particle) and thermal adj transfer and	0010102	
	_	refract\$ near1 (rating or index or number or level or magnitude))		
-	7	clay near1 modified near2 polypropylene	USPAT;	2004/07/29 12:32
_	1	clay near1 modified near2 polypropylene	US-PGPUB EPO; JPO;	2004/07/29 12:33
		and the same and the same property and	DERWENT	200 % 0 % 25 12 . 25
-	1338	oriented near1 polypropylene	EPO; JPO;	2004/07/29 12:33
_	,	("5378676").PN.	DERWENT USPAT;	2004/07/29 12:34
		(3370070).114.	US-PGPUB	2004/01/25 12.54
-	1	("5,865,548").PN.	USPAT;	2004/07/29 12:34
	1	(#£142702#\ DNI	US-PGPUB	2004/07/20 12 27
•	1	("5143782").PN.	USPAT; US-PGPUB	2004/07/29 12:37
-	1	("20020160160").PN.	USPAT;	2004/07/29 12:39
			US-PGPUB	
-	125	thermal near1 transfer and orient\$ near1 polypropylene	USPAT; US-PGPUB	2004/07/29 12:57
-	19	thermal near1 transfer near1 (film or tape or donor or dye or sheet) and	USPAT:	2004/07/29 14:20
		orient\$ near1 polypropylene	US-PGPUB	
	631	(400/237-241.4).CCLS.	LICDAT.	2004/07/20 12:46
_ 	031	(400/237-241.4).CCL3.	USPAT; US-PGPUB	2004/07/29 12:46
-	2	(thermal near1 transfer and orient\$ near1 polypropylene	USPAT;	2004/07/29 12:48
) and ((400/237-241.4).CCLS.)	US-PGPUB	
-	3	advantage near3 orient\$ near1 polypropylene	USPAT; US-PGPUB	2004/07/29 12:50
-	36	selected near3 orient\$ near1 polypropylene	USPAT;	2004/07/29 12:51
			US-PGPUB	
-	35	advantage with orient\$ near1 polypropylene	USPAT; US-PGPUB	2004/07/29 12:51
-	32	(advantage with orient\$ near1 polypropylene	US-PGPUB USPAT;	2004/07/29 12:52
) not (advantage near3 orient\$ near1 polypropylene	US-PGPUB	
		thormal nearly transfer and arising a series of	EDC IDC	2004/07/20 12 7
-	2	thermal near1 transfer and orient\$ near1 polypropylene	EPO; JPO; DERWENT	2004/07/29 13:51
-	107657	B41M005/\$.ipc. B41M005/\$.epc.	EPO; JPO;	2004/07/29 14:21
		·	DERWENT	
-	1490	orient\$ near1 (polypropylene)	EPO; JPO; DERWENT	2004/07/29 13:52
-	16	(B41M005/\$.ipc. B41M005/\$.epc.) and (orient\$ near1 (polypropylene))	EPO; JPO;	2004/07/29 13:52
			DERWENT	
-	1236	thermal near1 transfer near1 (film or tape or donor or dye or sheet) and	USPAT;	2004/07/29 14:22
		polyethylene	US-PGPUB	
-	106924	B41M005/\$.ipc. B41M005/\$.epc. and polyethylene and (thermal or heat	EPO; JPO;	2004/07/29 14:53
	2001	sensitive)	DERWENT	2004/05/20
-	2801	(B41M005/\$.ipc. B41M005/\$.epc.) and polyethylene and (thermal or heat sensitive)	EPO; JPO; DERWENT	2004/07/29 14:22
-	32	(B41M005/\$.ipc. B41M005/\$.epc.) and polyethylene near2 (thermal or heat	EPO; JPO;	2004/07/29 14:22
	L	sensitive)	DERWENT	

-	742	thermal near1 transfer near1 (film or tape or donor or dye or sheet) and	USPAT;	2004/07/29 14:50
		polyethylene near2 (heat near1 resistan\$ or layer or film or sheet or head or	US-PGPUB	
		printhead)		
	5660		LICDATE	2004/07/20 14 52
-	5668	first near1 (particle or grain or granular or powder) and second near1	USPAT;	2004/07/29 14:52
	2512	(particle or grain or granular or powder) thermal adj transfer near1 (dye or ribbon or tape or donor or film or sheet)	US-PGPUB	2004/07/20 14 51
-	2312	thermal adjuranster heart (dye or ribbon or tape or donor or thin or sheet)	USPAT; US-PGPUB	2004/07/29 14:51
	5	(first nearl (particle or grain or granular or powder) and second nearl	USPAT;	2004/07/29 14:51
	,	(particle or grain or granular or powder) and (thermal adj transfer near) (dye	US-PGPUB	2004/07/29 14.31
		or ribbon or tape or donor or film or sheet))	US-FUFUB	
_	1446	first near1 (particle or grain or granular or powder) and second near1	EPO; JPO;	2004/07/29 15:00
	1440	(particle or grain or granular or powder)	DERWENT	2004/07/25 15:00
_	107657	B41M005/\$.ipc. B41M005/\$.epc.	EPO; JPO;	2004/07/29 15:14
	13.55.		DERWENT	200 1107/25 10111
_	16	(first near1 (particle or grain or granular or powder) and second near1	EPO; JPO;	2004/07/29 14:57
		(particle or grain or granular or powder)) and (B41M005/\$.ipc.	DERWENT	200 1101125 2 1107
-		B41M005/\$.epc.)		
] _	1	("5283105").PN.	USPAT;	2004/07/29 14:58
			US-PGPUB	
-	8	("4242396" "4415626" "4480003" "4481252" "4526847" "4869955"	USPAT	2004/07/29 14:58
		"4873135" "4876235").PN.		
-	10400	(head or printhead) near2 (clean\$ or polish\$)	EPO; JPO;	2004/07/29 14:59
			DERWENT	
-	1014781	b41j\$.ipc. or b41j\$.epc. or printer or printing or (image near1 (recorder or	EPO; JPO;	2004/07/29 15:00
		recording or forming)) or b41m005/\$.ipc. or b41m005/\$.epc.	DERWENT	
-	1885	((head or printhead) near2 (clean\$ or polish\$)	EPO; JPO;	2004/07/29 15:00
) and (b41j\$.ipc. or b41j\$.epc. or printer or printing or (image near1	DERWENT	
		(recorder or recording or forming)) or b41m005/\$.ipc. or b41m005/\$.epc.)		
-	1556	first near1 (particle or grain or granular or powder or particulate) and second	EPO; JPO;	2004/07/29 15:01
		near1 (particle or grain or granular or powder or particulate)	DERWENT	
-	1100	organic near1 (particle or grain or granular or powder or particulate) and	EPO; JPO;	2004/07/29 15:01
Ì	6050	inorganic near1 (particle or grain or granular or powder or particulate)	DERWENT	
-	6250	(different or another) near 1 (particle or grain or granular or powder or	ЕРО; ЈРО;	2004/07/29 15:04
	,	particulate)	DERWENT	2004/05/20 15 03
-	1	(((head or printhead) near2 (clean\$ or polish\$)) and (b41j\$.ipc. or b41j\$.epc. or printer or printing or (image near1	EPO; JPO;	2004/07/29 15:03
		(recorder or recording or forming)) or b41m005/\$.ipc. or b41m005/\$.epc.))	DERWENT	
		and ((first near1 (particle or grain or granular or powder or particulate) and		
1		second near1 (particle or grain or granular or powder or particulate))		
1		(organic near) (particle or grain or granular or powder or particulate) and		
1		inorganic near (particle or grain or granular or powder or particulate))		
		((different or another) nearl (particle or grain or granular or powder or		
		particulate)))		
-	147	(two or double or second) near2 (side\$ or face\$) and (head or printhead)	ЕРО; ЈРО;	2004/07/29 15:04
		near2 (clean\$ or polish\$ or wipe or wiping or wiped)	DERWENT	
-	202	(each or both) near2 (side\$ or face\$) and (head or printhead) near2 (clean\$	EPO; JPO;	2004/07/29 15:04
		or polish\$ or wipe or wiping or wiped)	DERWENT	
-	1287208	(particle or grain or granular or powder or particulate)	EPO; JPO;	2004/07/29 15:05
			DERWENT	
-	31	(((two or double or second) near2 (side\$ or face\$) and (head or printhead)	EPO; JPO;	2004/07/29 15:13
		near2 (clean\$ or polish\$ or wipe or wiping or wiped)) ((each or both) near2	DERWENT	
		(side\$ or face\$) and (head or printhead) near2 (clean\$ or polish\$ or wipe or		
		wiping or wiped))) and ((particle or grain or granular or powder or		
	15106	particulate))		
-	15196	(head or printhead) near4 (clean\$ or polish\$ or wipe or wiped or wiping)	EPO; JPO;	2004/07/29 15:15
	00	(DA1M005/6 : DA1M005/6) 1/4 1 1/4 5	DERWENT	0004/05/00 : - :
-	86	(B41M005/\$.ipc. B41M005/\$.epc.) and ((head or printhead) near4 (clean\$	EPO; JPO;	2004/07/29 15:15
	65	or polish\$ or wipe or wiped or wiping)) ((PA1M005/\$ inc. PA1M005/\$ onc.) and ((back on winth and) mage4 (along \$	DERWENT	2004/07/20 : : : :
•	00	((B41M005/\$.ipc. B41M005/\$.epc.) and ((head or printhead) near4 (clean\$	EPO; JPO;	2004/07/29 16:15
<u>-</u>	37	or polish\$ or wipe or wiped or wiping))) not (inkjet or ink adj jet) (head or printhead) near4 (clean\$ or polish\$) and (b41j\$.ipc or b41j\$.epc.)	DERWENT	2004/07/20 17 17
_	31	not (inkjet or ink adj jet)	EPO; JPO; DERWENT	2004/07/29 15:16
_	1	("6001770").PN.	USPAT;	2004/07/29 15:36
	1	(000.770)1111	US-PGPUB	2004/0//27 13:30
L			00-1 OI OB	L

			,	·
-	1	"4892860".PN.	USPAT	2004/07/29 15:36
-	0	6001770.URPN.	USPAT	2004/07/29 15:36
-	2	jp-02113987-\$.did.	EPO; JPO;	2004/07/29 16:13
			DERWENT	
-	2	jp-02113987-\$.did.	EPO; JPO;	2004/07/29 16:14
			DERWENT	
-	50244	b41m005/26.ipc. or b41m005/26.epc. or b41m005/40.ipc. b41m005/40.epc.	EPO; JPO;	2004/07/29 16:16
			DERWENT	
-	65	((B41M005/\$.ipc. B41M005/\$.epc.) and ((head or printhead) near4 (clean\$	EPO; JPO;	2004/07/29 16:15
		or polish\$ or wipe or wiped or wiping))) not (inkjet or ink adj jet)	DERWENT	
-	50188	(b41m005/26.ipc. or b41m005/26.epc. or b41m005/40.ipc.	EPO; JPO;	2004/07/29 16:15
i		b41m005/40.epc.) not (((B41M005/\$.ipc. B41M005/\$.epc.) and ((head or	DERWENT	
}		printhead) near4 (clean\$ or polish\$ or wipe or wiped or wiping))) not (inkjet		
		or ink adj jet))		
-	42665	b41m005/26.ipc.	EPO; JPO;	2004/07/29 16:17
			DERWENT	
-	5269	(film sheet substrate paper media medium) and (second another two each	EPO; JPO;	2004/07/29 17:39
		both) near2 (particle or particulate or powder or grain or granular or platelet)	DERWENT	
-	420092	(another second or each or both or other) near2 (side or face)	EPO; JPO;	2004/07/29 17:17
			DERWENT	
-	310	((film sheet substrate paper media medium) and (second another two each	EPO; JPO;	2004/07/29 16:21
		both) near2 (particle or particulate or powder or grain or granular or	DERWENT	
	1	platelet)) and ((another second or each or both or other) near2 (side or face))		
_	154026	abrad\$ or abras\$	EPO; JPO;	2004/07/29 16:21
			DERWENT	
-	17	(((film sheet substrate paper media medium) and (second another two each	EPO; JPO;	2004/07/29 16:21
†		both) near2 (particle or particulate or powder or grain or granular or	DERWENT	200 110 1121
	1	platelet)) and ((another second or each or both or other) near2 (side or face)))	D DATE OF THE PARTY OF THE PART	
		and (abrad\$ or abras\$)		
-	21	(("3,823,947") or ("3,827,699") or ("4,138,229") or ("4,369,456") or	USPAT;	2004/07/29 16:54
		("4,422,119") or ("4,446,205") or ("4,476,177") or ("4,644,370") or	US-PGPUB	2001/07/25 10:51
		("4,933,015") or ("5,227,226") or ("5,525,417") or ("5,536,328") or	0510105	
		("5,563,646") or ("5,688,060") or ("5,875,719") or ("5,926,197") or		
	1	("5,936,816") or ("5,995,126") or ("6,028,614") or ("6,210,490") or		
		("20040017458")).PN.		
1_	10	("3029457" "3069815" "3822517" "4349933" "4627643" "4933015"	USPAT	2004/07/29 16:33
		(302)437 300)613 3622217 4349333 4027043 4933013	OSFAI	2004/07/29 10.33
_	2	jp-09327894-\$.did.	EPO; JPO;	2004/07/29 17:10
	_	jp=0/32/0/4-\$.did.	DERWENT	2004/07/29 17:10
_	33	3069815.URPN.	USPAT	2004/07/29 16:56
<u>-</u>	5	("3008852" "3069815" "3574261" "4507155" "4644370").PN.	USPAT	2004/07/29 16:58
	7	5030292.URPN.	USPAT	2004/07/29 16:59
	5	3069815" "3266878" "3383191" "3476537" "3978520").PN.	USPAT	1
1.	22	(3009613 3200676 3363191 3476337 3978320).FN. 4138229.URPN.	USPAT	2004/07/29 17:00 2004/07/29 17:01
1.	22	4138229.URPN.		2004/07/29 17:01
	11	5536328.URPN.	USPAT	
1	10477	b24d003/\$.ipc. b24d003/\$.epc. b24d0011/\$.ipc. b24d0011/\$.epc.	USPAT	2004/07/29 17:07
	104//	0240003/\$/ipc. 0240003/\$/epc. 02400011/\$.ipc. 02400011/\$.epc.	EPO; JPO;	2004/07/29 17:15
	184	((another second or each or both or other) near2 (side or face)) and	DERWENT	2004/07/20 17:12
-	104		EPO; JPO;	2004/07/29 17:12
	2649114	(b24d003/\$.ipc. b24d003/\$.epc. b24d0011/\$.ipc. b24d0011/\$.epc.) film or sheet or tape or web	DERWENT	2004/07/20 17 12
-	2049114	inition sheet or tape or web	EPO; JPO;	2004/07/29 17:12
	2022061	Glam an about an tone an unit an Garrible	DERWENT	2004/05/20 15 16
-	3033961	film or sheet or tape or web or flexible	EPO; JPO;	2004/07/29 17:16
ļ	47		DERWENT	
-	47	(((another second or each or both or other) near2 (side or face)) and	EPO; JPO;	2004/07/29 17:12
		(b24d003/\$.ipc. b24d003/\$.epc. b24d0011/\$.ipc. b24d0011/\$.epc.)) and	DERWENT	
		(film or sheet or tape or web or flexible)	nno	
-	0	b24d0011/\$.ipc. b24d0011/\$.epc. and (clean\$)	EPO; JPO;	2004/07/29 17:16
		(10410011/01 10410011/01 1141	DERWENT	
-	0	(b24d0011/\$.ipc. b24d0011/\$.epc.) and (clean\$)	EPO; JPO;	2004/07/29 17:16
		(10410044/01 104100447	DERWENT	
-	0	(b24d0011/\$.ipc. b24d0011/\$.epc.)	EPO; JPO;	2004/07/29 17:16
		(1041044/0)	DERWENT	
-	3635	(b24d011/\$.ipc. b24d011/\$.epc.)	EPO; JPO;	2004/07/29 17:16
			DERWENT	i

	1	1761	I mm c	1
-	1820	(film or sheet or tape or web or flexible) and ((b24d011/\$.ipc. b24d011/\$.epc.))	EPO; JPO; DERWENT	2004/07/29 17:16
-	420092	(another second or each or both or other) near2 (side or face)	EPO; JPO; DERWENT	2004/07/29 17:17
-	57	((film or sheet or tape or web or flexible) and ((b24d011/\$.ipc.	EPO; JPO;	2004/07/29 17:20
		b24d011/\$.epc.))) and ((another second or each or both or other) near2 (side or face))	DERWENT	
_	28	head near2 (clean\$ or polish\$) and (both or each or two or other or another	EPO; JPO;	2004/07/29 17:26
ļ		or second) near2 (side or face) and (particle or particulate or platelet or	DERWENT	
	2	powder or grain or granular) jp-09327894-\$.did.	EPO; JPO;	2004/07/29 17:26
		jp 00027007-0.did.	DERWENT	2004/07/25 17:20
-	1413	head near2 (clean\$ or polish\$) and (both or each or two or other or another	USPAT;	2004/07/29 17:27
	}	or second) near2 (side or face) and (particle or particulate or platelet or powder or grain or granular)	US-PGPUB	
-	14511	(side or face) near2 (particle or particulate or platelet or powder or grain or	USPAT;	2004/07/29 17:28
		granular)	US-PGPUB	Α.
-	67	(head near2 (clean\$ or polish\$) and (both or each or two or other or another or second) near2 (side or face) and (particle or particulate or platelet or	USPAT; US-PGPUB	2004/07/29 17:27
		powder or grain or granular)) and ((side or face) near2 (particle or	03-1 GI 0B	
		particulate or platelet or powder or grain or granular))		
-	1521	head near2 (clean\$ or polish\$).ab.	USPAT; US-PGPUB	2004/07/29 17:38
-	754524	(both or each or two or other or another or second) near2 (side or face)	USPAT;	2004/07/29 17:27
			US-PGPUB	
-	1	((side or face) near2 (particle or particulate or platelet or powder or grain or granular)) and (head near2 (clean\$ or polish\$).ab.) and (both or each or two	USPAT; US-PGPUB	2004/07/29 17:28
		or other or another or second) near2 (side or face))	US-FUPUB	
-	371	(head near2 (clean\$ or polish\$).ab.) and ((both or each or two or other or	USPAT;	2004/07/29 17:28
_	75311	another or second) near2 (side or face)) (tape web sheet film layer) near2 (particle or particulate or platelet or	US-PGPUB USPAT;	2004/07/29 17:29
	'3311	powder or grain or granular)	USPAT; US-PGPUB	2004/07/29 17:29
-	10	((head near2 (clean\$ or polish\$).ab.) and ((both or each or two or other or	USPAT;	2004/07/29 17:38
		another or second) near2 (side or face))) and ((tape web sheet film layer) near2 (particle or particulate or platelet or powder or grain or granular))	US-PGPUB	
-	1621	(printhead or head) near2 (clean\$ or polish\$).ab.	USPAT;	2004/07/29 17:39
			US-PGPUB	
-	75333	(film sheet substrate paper media medium) near2 (particle or particulate or powder or grain or granular or platelet)	USPAT; US-PGPUB	2004/07/29 17:46
-	101	((printhead or head) near2 (clean\$ or polish\$).ab.) and ((film sheet substrate	USPAT;	2004/07/29 17:44
		paper media medium) near2 (particle or particulate or powder or grain or	US-PGPUB	
-	73	granular or platelet)) ((head near2 (clean\$ or polish\$).ab.) and ((both or each or two or other or	USPAT;	2004/07/29 17:45
		another or second) near2 (side or face))) and (web or tape or sheet or paper	US-PGPUB	2004/0//29 17.43
	-	of film).ab.		
-	7	((film sheet substrate paper media medium) near2 (particle or particulate or powder or grain or granular or platelet)) and (((head near2 (clean\$ or	USPAT; US-PGPUB	2004/07/29 17:44
		polish\$).ab.) and ((both or each or two or other or another or second) near2	00-1 OI OD	
_	5897	(side or face))) and (web or tape or sheet or paper of film).ab.)	LICDATE	2004/07/20 := :=
-	3897	51/\$.ccls.	USPAT; US-PGPUB	2004/07/29 17:45
-	734	((film sheet substrate paper media medium) near2 (particle or particulate or	USPAT;	2004/07/29 17:45
	2600	powder or grain or granular or platelet)) and 51/\$.ccls.	US-PGPUB	2004/07/20 := :=
	2000	(each or both or two or other or another or second) near2 (side or face) near4 (particle or particulate or powder or grain or granular or platelet)	USPAT; US-PGPUB	2004/07/29 17:47
-	19	(((film sheet substrate paper media medium) near2 (particle or particulate or	USPAT;	2004/07/29 17:48
		powder or grain or granular or platelet)) and 51/\$.ccls.) and ((each or both or two or other or another or second) near2 (side or face) near4 (particle or	US-PGPUB	
		particulate or powder or grain or granular or platelet))		
-	39	abrasive adj (tape or web or ribbon or film).ti	USPAT;	2004/07/29 17:52
_	7	("5601474" "5667426" "5876268" "5908478" "6113469" "6354929"	US-PGPUB	2004/07/20 17:40
	'	(3001474 3007420 3670208 3908478 6113469 6334929 6443827" "2003/0024169").PN.	USPAT	2004/07/29 17:49
-	4	("4590127" "4740423" "5456734" "5573444").PN.	USPAT	2004/07/29 17:50
L -	1	5632789.URPN.	USPAT	2004/07/29 17:50

-	5	("4756960" "4762534" "4842618" "4903440" "4922675").PN.	USPAT	2004/07/29 17:51
-	3256	(428/323).CCLS.	USPAT;	2004/07/29 17:54
	ļ		US-PGPUB	